

Attachment A



National Environmental Law Center

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June 12, 2009

President and Chief Executive Officer
Chevron Phillips Chemical Company, LP
10001 Six Pines Drive
The Woodlands, Texas 77380

Van Long, Cedar Bayou Plant Manager
Chevron Phillips Chemical Co.- Cedar Bayou
9500 I-10 East Exit 796
Baytown, Texas 77521-9570

Dear Sirs:

I write on behalf of Environment Texas and Sierra Club ("the Citizen Groups") and their members.

Chevron Phillips Chemical Company, LP¹ ("Chevron Phillips") owns and operates a petrochemical plant in Baytown, Texas (the plant is hereafter referred to as the "Cedar Bayou Plant"). Based on available information, the Citizen Groups believe that Chevron Phillips has repeatedly violated, and will continue to violate, its air emission permits, the Texas State Implementation Plan, and the federal Clean Air Act ("CAA") by emitting air pollutants into the atmosphere from the Cedar Bayou Plant in excess of applicable emission limitations.

Applicable Clean Air Act Requirements

The Texas State Implementation Plan ("SIP") is a set of state laws and regulations designed to protect air quality in Texas and, more specifically, to achieve compliance with federally promulgated national ambient air quality standards ("NAAQS"). SIPs are required by Section 110 of the Clean Air Act, 42 U.S.C. § 7410, and must be approved by the U.S. Environmental Protection Agency ("EPA").

¹ Chevron Phillips Chemical Company LP is a wholly-owned subsidiary of Chevron Phillips Chemical Company LLC. This letter also serves to notify Chevron Phillips Chemical Company LLC of violations at the Cedar Bayou Plant.

The Cedar Bayou Plant contains a number of fixed sources of air pollution that are classified as "stationary sources" under the Clean Air Act. The Texas SIP requires Chevron Phillips to report certain unauthorized emissions of air pollutants from these stationary sources to the Texas Commission on Environmental Quality ("TCEQ") within 24 hours of their discovery. 30 Tex. Admin. Code §§ 101.201(a) and 101.211(a). Thereafter, Chevron Phillips has two weeks to issue a "final" report concerning such emission events; if no final report is submitted, the initial report is considered final. 30 Tex. Admin. Code §§ 101.201(b) and (c) and 101.211(b) and (c).

These emission event reports submitted by Chevron Phillips to TCEQ include, among other information: the date, time, and duration of the event; the nature and cause of the event; any corrective action taken; the unit and the specific emission point from which pollutants were emitted to the atmosphere; the permit or regulation applicable to the unit and emission point; the emission standard or limitation that has been exceeded; and the type and estimated quantities of air pollutants emitted.

Emissions of air pollutants from the Cedar Bayou Plant are governed by, among other requirements, Prevention of Significant Deterioration Permit ("PSD Permit") No. PSD-TX-748 and Texas New Source Review Permit ("NSR Permit") Nos. 1504A, 37063, 2462C, 46305 and 19027, issued to Chevron Phillips by the TCEQ pursuant to 30 Tex. Admin. Code § 116. These permits contain Maximum Allowable Emission Rate Tables ("MAERTs") that set forth, for each source of air pollutants governed by each permit, a maximum hourly emission limit (expressed in pounds per hour) and a maximum annual emission limit (expressed in tons per year) for each pollutant authorized to be discharged during normal operations. Some of the MAERTs also include maximum hourly emission limits and maximum annual emission limits for each pollutant authorized to be discharged from a source during start-up, shutdown and/or maintenance activities. Compliance with the numerical emission limits in the MAERTs is mandatory. Texas Health & Safety Code § 382.085(b); 30 Tex. Admin. Code § 116.115(b)(2)(F).

Chevron Phillips' NSR/PSD Permits and all of the emission standards and limitations contained therein have been incorporated into federal operating permits, Nos. O-2113, O-2114, O-2115, and O-2370, issued pursuant to Title V of the Clean Air Act, 42 U.S.C. §§ 7661-7661f. Any release of air pollutants into the atmosphere (1) in excess of an hourly or annual emission limit contained in any of Chevron Phillips' NSR/PSD permits, (2) from an emission point not authorized to emit such pollutants, or (3) not authorized to be released, is a violation of both the applicable NSR/PSD permit and the corresponding Title V permit. All such releases also violate both the Texas SIP and the federal Clean Air Act. 42 U.S.C. §§ 7604(a)(1) and (f) and 7661a(a).

In addition, the stationary sources at the Cedar Bayou Plant referenced above are "new sources" within the meaning of Section 111(a)(2) of the Clean Air Act, 42 U.S.C. § 7411(a)(2), and are "affected facilities" within the meaning of 40 C.F.R. § 60.2. Accordingly, they are subject to federal New Source Performance Standards ("NSPS"), which are national, technology-based emission standards and limitations promulgated pursuant to Section 111, 42 U.S.C. § 7411.

Pursuant to CAA section 111(b), 42 U.S.C. § 7411(b), EPA promulgated general NSPS provisions, codified at 40 C.F.R. Part 60, Subpart A, §§ 60.1-60.19, that apply to owners and operators of any stationary source that contains an “affected facility” subject to regulation under 40 C.F.R. Part 60. 40 C.F.R. § 60.11(d) requires that at all times – including periods of startup, shutdown, and malfunction – owners and operators shall, to the extent practicable, maintain and operate any affected facility, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. 40 C.F.R. § 60.18(c) requires, among other things, that flares used to comply with applicable subparts of 40 C.F.R. Parts 60 and 61 be operated with no visible emissions (except for periods not to exceed five minutes during any two consecutive hours) and with the presence of a flame at all times.

CAA Section 111(e), 42 U.S.C. § 7411(e), prohibits the operation of any new source in violation of an NSPS applicable to such source. Thus, a violation of an NSPS is a violation of Section 111(e) of the Clean Air Act, as well as a violation of the Cedar Bayou Plant’s applicable PSD or NSR permit and Title V permit, each of which incorporates applicable NSPS requirements.

In addition, stationary sources at the Cedar Bayou Plant are subject to national emission standards for hazardous air pollutants (“NESHAPs”) promulgated by EPA pursuant to Section 112(d) of the Act, 42 U.S.C. § 7412(d). Pursuant to Section 112(d), EPA promulgated general NESHAPs provisions, codified at 40 C.F.R. Part 61, Subpart A, §§ 61.1-61.19, that apply to owners and operators of any stationary source for which a NESHAP is prescribed. 40 C.F.R. § 61.12(c) requires that owners and operators shall maintain and operate the source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions.

A violation of 40 C.F.R. § 61.12(c) is a violation of the Clean Air Act, as well as a violation of the Cedar Bayou Plant’s applicable PSD or NSR permit and Title V permit, each of which incorporates this regulatory requirement.

In addition, the Cedar Bayou Plant has vent gas streams containing highly-reactive volatile organic compounds (“HRVOCs”), as defined in 30 Tex. Admin. Code § 115.10, and flares that emit or have the potential to emit HRVOCs. Accordingly, the Cedar Bayou Plant is prohibited from emitting more than 1,200 pounds of HRVOCs in any one-hour block period from any flare, vent, pressure relief valve, cooling tower, or any combination thereof. 30 Tex. Admin. Code §§ 115.720(a) and 115.722(c)(1). Any violation of this emission limitation is a violation of the Cedar Bayou Plant’s state and federal permits, the Texas SIP, and the federal Clean Air Act.

Chevron Phillips's Clean Air Act Violations

Hourly MAERT Limits

Chevron Phillips has, on numerous occasions, emitted air pollutants into the atmosphere from the Cedar Bayou Plant in amounts or at rates that exceeded applicable hourly permit limits.

A description of such emissions from the Cedar Bayou Plant during emission events occurring from February 2003 through May 2009² is contained in the attached Table 1. For each such emission of pollutants, Table 1 contains: the emission event tracking number; the start and end dates of the emission event; the applicable NSR permit number or regulation, if any (under the heading "Authorization"); Chevron Phillips' characterization of the event ("emission event" is abbreviated as "EE"); the unit and emission point from which the emissions occurred ("facility identification number" is abbreviated as "FIN" and "emission point number" is abbreviated as "EPN"); the type and amount of pollutant(s) emitted (the amount is expressed as a percentage in the case of opacity); the duration of the emission event; and the reported applicable emission standard or limitation.

The pollutant types and amounts and the applicable emission standards and limitations listed in Table 1 are set forth just as Chevron Phillips reported them on its emission event reports to TCEQ. The "reported" emission limits, however, may differ from the actual permit limits in effect. For example, Chevron Phillips' PSD and NSR permits impose limits on total Volatile Organic Compounds; but Chevron Phillips, in its emission event reports, frequently reports pollutant releases and the applicable emission limits separately for each individual VOC. Similarly, Chevron Phillips frequently reports nitric oxide and nitrogen dioxide emissions and their applicable limits separately, even though its permits impose limits on total oxides of nitrogen ("NOx"). For convenience, Table 1 includes, for each emissions event, the individualized pollutant emissions as they were reported by Chevron Phillips, and also a calculated entry for "Total VOCs" and "Total NOx." The information presented in Table 1 is sufficient to enable Chevron Phillips to ascertain the nature of each alleged violation and when and where it occurred.

In addition, Chevron Phillips' PSD and NSR permits do not authorize fugitive emissions of air pollutants. Although numerical amounts are listed for certain fugitive sources in the MAERTs and reported as applicable emission limits by Chevron Phillips (as reflected in Table 1), the permits state that such amounts are "an estimate only and should not be considered as a maximum allowable emission rate." The actual emission limit on all fugitive emissions is therefore zero.

² The Citizen Groups do not intend to file suit to enforce violations occurring more than five years before the date of this letter.

Annual MAERT Limits

Chevron Phillips has, on numerous occasions, emitted air pollutants into the atmosphere from the Cedar Bayou Plant in amounts that exceed applicable annual permit limits. A description of such permit violations at the Cedar Bayou Plant resulting solely from emission events occurring from December 2003 through May 2009 is contained in the attached Table 2. For each such violation of an annual permit limit, Table 2 contains: the applicable NSR permit number; the number of the emission point from which the emissions occurred; the type and amount of pollutant discharged; the applicable tons per year limit; and the rolling 12-month period during which each violation occurred (or is still occurring).

Moreover, the pollutants released during the emission events described in Table 1 may, when added to the "routine" pollutant emissions occurring during normal operations at Chevron Phillips' Cedar Bayou Plant, have contributed to additional violations of tons per year limits not reflected in Table 2. This notice letter covers all such violations of annual tons per year limits.

HRVOC Limits

Chevron Phillips has, on numerous occasions, emitted HRVOCs into the atmosphere from the Cedar Bayou Plant in amounts or at rates that exceeded the hourly, site-wide HRVOC limit in the Texas SIP and incorporated into Chevron Phillips' permits. A description of such HRVOC violations at the Cedar Bayou Plant is contained in the attached Table 3. The information in Table 3 is based on the emission event information reported by Chevron Phillips to TCEQ. For each such violation of the hourly HRVOC limit, Table 3 contains: the emission event tracking number; the start date and time, end date and time, and duration of the emissions; the amount of HRVOCs released; and the hourly emission limit.

Unauthorized Startup, Shutdown and Maintenance Emissions

Special Condition 3 of NSR Permit No. 1504A, Special Condition 3 of NSR Permit No. 37063, and Special Condition 10 of NSR Permit No. 2462C each authorize emissions only from the specified maintenance, startup or shutdown activities at the specified emission points described in each permit condition. Special Condition 3 of Permit No. 1504A and Special Condition 3 of Permit No. 37063 provide further that any maintenance, start-up, or shutdown activities not specifically listed "are not authorized by this permit." The applicable emission limit for any such non-listed maintenance, startup or shutdown activities at the units covered by these permits is therefore zero pounds per hour.

Table 4 identifies emission events that involved startup, shutdown or maintenance activities and that Chevron Phillips reported as being authorized by either Permit No.

1504A, 37063 or 2462C and as therefore subject to an emission limit greater than zero.³ For each of these emission events, Table 4 contains: the emission event tracking number; the start and end dates and times of the emission event; the applicable permit number; Chevron Phillips' characterization of the event; the unit and emission point from which the emissions occurred.

Because each of the emission events described in Table 4 involved unauthorized startup, shutdown or maintenance activities, each constitutes a violation of the applicable special condition described above. In addition, because each report Chevron Phillips submitted to TCEQ for the emission events in Table 4 contained an incorrect emission limit applicable to these events, each report constitutes a violation of 30 Tex. Admin. Code §§ 101.201(b)(1)(H) or 101.211(a)(1)(I) and (b)(1)(I) (requiring reporting of authorized emissions limits, if any, for the facilities involved).

General NSPS and NESHAP Requirements

The unauthorized releases of air pollutants described in Tables 1 and 2 and in the HRVOC table above also constitute violations of 40 C.F.R. Part 60, Subpart A, including, but not limited to, §60.11(d) (relating to good air pollution control practices) and 40 C.F.R. Part 61, Subpart A, including, but not limited to, § 61.12(c) (also relating to good air pollution control practices).

In addition, the emission events identified by tracking numbers 17017, 24350, 26276, 31334, and 37194 in Table 1 constitute violations of 40 C.F.R. § 60.18(c)(1), regarding visible emissions from flares, and the emission events identified by tracking numbers 65091, 70394, 70583, 70666, 70786, 75108, 76377, 114137, and 114138 in Table 1 constitute violations of 40 C.F.R. §60.18(c)(2), requiring the presence of a flame at all times during operation of a flare.

This notice letter and the attached tables are based on publicly available sources of information. Additional information, including information in the possession of Chevron Phillips, may reveal additional details about the violations described above and may reveal additional violations of the Clean Air Act at the Cedar Bayou Plant. This letter covers all such violations.

The Citizen Groups intend to file suit against Chevron Phillips in federal court to secure appropriate relief under state and federal law for all violations described in this notice letter occurring within the five years immediately preceding the sending of this letter, and for any similar violations that occur after the date of this notice letter.

³ The events listed in Table 4 are also included in Table 1. Thus, even if any of the activities were in fact authorized, the emissions would still violate the emission standards and limitations described on p. 4, above.

If you believe any of the above information is in error, or if you take steps to permanently correct any of the described violations, or if you believe you are currently in compliance with the Clean Air Act, or if you have any questions concerning this letter or the described violations, please contact me as soon as possible at (617) 747-4333 or at the address listed above. If you would like to meet in person to discuss this matter, we are available to meet in Houston during the week of July 6 or the week of July 20.

Sincerely,



Joshua R. Kratka

Additional Legal Counsel Sending This Letter

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and Chevron Phillips Chemical Company LLC)

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/EPN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			CO	488.72	97.50	23.30
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			Nitrogen Dioxide	3.38	97.50	0.16
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			Nitrogen Oxide	64.28	97.50	3.04
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			TOTAL NOx	67.66	97.50	0.00
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			Ethylene	631.00	97.50	19.70
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			Propane	14.00	97.50	6.63
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			Propylene	44.00	97.50	0.00
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			TOTAL VOCs	689.00	97.50	0.00
13981	2/1/03 11:00	2/5/03 12:30	2462C	Startup	PEU 1792	45			CO	1344.00	4.50	127.51
17017	3/7/03 15:00	3/7/03 19:30	37063	EB	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	9.00	4.50	17.65
17017	3/7/03 15:00	3/7/03 19:30	37063	EB	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	177.00	4.50	17.65
17017	3/7/03 15:00	3/7/03 19:30	37063	EB	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	186.00	4.50	17.65
17017	3/7/03 15:00	3/7/03 19:30	37063	EB	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Opacity	50.00%	4.50	0.00
17017	3/7/03 15:00	3/7/03 19:30	37063	EB	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	1890.00	4.50	358.62
17017	3/7/03 15:00	3/7/03 19:30	37063	EB	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	1890.00	4.50	358.62
17142	3/10/03 13:00	3/10/03 14:00	37063	EB	NAOU 1798	P-1798	Fugitive	F-1798-30	Ethylene	9350.00	1.00	7.33
17142	3/10/03 13:00	3/10/03 14:00	37063	EB	NAOU 1798	P-1798	Fugitive	F-1798-30	TOTAL VOCs	9350.00	1.00	7.33
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	209.68	30.72	127.51
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	2.05	30.72	17.65
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	39.10	30.72	17.65
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	41.15	30.72	17.65
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	295.90	30.72	8.00
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propylene	2.34	30.72	0.00
17987	5/5/03 6:00	5/6/03 12:43	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	298.24	30.72	358.62
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	156.20	72.00	127.51
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	1.10	72.00	17.65
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	20.50	72.00	17.65
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	21.60	72.00	17.65
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	210.00	72.00	8.00
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propylene	10.00	72.00	0.00
17992	4/11/03 6:00	4/14/03 6:00	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	220.00	72.00	358.62
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	CO	12.83	72.00	35.72
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	0.13	72.00	4.95
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Oxide	2.39	72.00	4.95
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	2.52	72.00	4.95
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	16.91	72.00	20.00
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	Propylene	1.38	72.00	0.00
18862	4/25/03 6:00	4/28/03 6:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	18.29	72.00	79.71
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	CO	198.00	161.92	35.72
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	2.00	161.92	4.95
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Oxide	57.00	161.92	4.95
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	39.00	161.92	4.95
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	96.00	161.92	20.00
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Hexene	63.00	161.92	7.44
18868	6/1/03 6:00	6/7/03 23:55	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Propylene	22.00	161.92	0.00

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/EPN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
18868	6/1/03 6:00	6/7/03 23:55	37063	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	181.00	161.92	79.71	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	151.50	43.50	127.51	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	1.50	43.50	17.65	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	28.20	43.50	17.65	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	29.70	43.50	17.65	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	153.96	43.50	8.00	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	107.51	43.50	3.24	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propylene	7.50	43.50	0.00	
19147	4/13/03 13:00	4/15/03 8:30	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	268.97	43.50	358.62	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	353.00	1.47	133.57	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	3.00	1.47	18.49	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	46.00	1.47	18.49	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	49.00	1.47	17.65	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	11.00	1.47	350.64	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	479.00	1.47	8.00	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	13.00	1.47	7.44	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Oxene	11.00	1.47	0.47	
20426	5/7/03 17:42	5/7/03 19:10	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	514.00	1.47	358.62	
20691	5/10/03 20:31	5/10/03 20:40	46783	46783	BE	PEU 1792	P-1792	Process Fugitives	F-75-G	Ethylene	167.00	0.15	2.28	
20691	5/10/03 20:31	5/10/03 20:40	46783	46783	BE	PEU 1792	P-1792	Process Fugitives	F-75-G	TOTAL VOCs	167.00	0.15	2.28	
21130	5/18/03 22:05	5/19/03 20:15	2462C	2462C	BE	PEU 1792	P-1792	Emissions	F04	Ethylene	271.00	22.17	13.95	
21130	5/18/03 22:05	5/19/03 20:15	2462C	2462C	BE	PEU 1792	P-1792	Emissions	F04	Propane	26.00	22.17	0.45	
21130	5/18/03 22:05	5/19/03 20:15	2462C	2462C	BE	PEU 1792	P-1792	Emissions	F04	VOC	33.00	22.17	0.44	
21130	5/18/03 22:05	5/19/03 20:15	2462C	2462C	BE	PEU 1792	P-1792	Emissions	F04	TOTAL VOCs	330.00	22.17	0.00	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	634.00	5.85	133.57	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	4.00	5.85	18.49	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	83.00	5.85	18.49	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	87.00	5.85	17.65	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	6.00	5.85	350.64	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	883.00	5.85	8.00	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	7.00	5.85	7.44	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Oxene	6.00	5.85	0.47	
21143	5/19/03 18:09	5/20/03 0:00	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	902.00	5.85	358.62	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	255.00	1.50	133.57	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	2.00	1.50	18.49	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	34.00	1.50	18.49	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	36.00	1.50	17.65	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	6.00	1.50	350.64	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	350.00	1.50	8.00	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	7.00	1.50	7.44	
21441	5/23/03 20:45	5/23/03 22:15	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	363.00	1.50	358.62	
21683	5/30/03 3:17	5/30/03 4:39	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	167.00	1.37	133.57	
21683	5/30/03 3:17	5/30/03 4:39	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	1.06	1.37	18.49	
21683	5/30/03 3:17	5/30/03 4:39	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	22.00	1.37	18.49	
21683	5/30/03 3:17	5/30/03 4:39	37063	37063	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	23.00	1.37	17.65	

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
21653	5/30/03 1:17	5/30/03 4:29	17963	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butane	7.00	1.37	350.64
21653	5/30/03 1:17	5/30/03 4:29	17963	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	226.00	1.37	8.00
21683	5/30/03 1:15	5/30/03 4:17	17963	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	8.00	1.37	7.44
21683	5/30/03 1:17	5/30/03 4:19	17963	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Octene	7.00	1.37	0.47
21683	5/30/03 3:17	5/30/03 4:39	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	248.00	1.37	358.62
22389	6/3/03 21:30	6/3/03 21:32	2462C	EE	PEU 1792, Line 5 Reactor	P-1792	Fugitive, safety relief system	F-75	Ethylene	425.00	0.03	7.35
22389	6/3/03 21:30	6/3/03 21:32	2462C	EE	PEU 1792, Line 5 Reactor	P-1792	Fugitive, safety relief system	F-75	TOTAL VOCs	425.00	0.03	7.35
22394	6/11/03 5:01	6/13/03 10:43	2462C	EE	PEU 1792	P-1792	E-501 Cooling Tower	1792-76	Ethylene	5340.00	53.70	3.47
22394	6/11/03 5:01	6/13/03 10:43	2462C	EE	PEU 1792	P-1792	E-501 Cooling Tower	1792-76	TOTAL VOCs	5340.00	53.70	3.47
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	160.00	1.10	133.57
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	2.00	1.10	18.49
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	21.00	1.10	18.49
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	23.00	1.10	17.65
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	7.00	1.10	350.64
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	215.00	1.10	8.00
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	8.00	1.10	7.44
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Octene	7.00	1.10	0.47
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	237.00	1.10	358.62
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	82.30	1.10	35.72
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	0.60	1.10	4.95
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	10.80	1.10	4.95
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	11.40	1.10	4.95
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	116.00	1.10	20.00
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	116.00	1.10	20.00
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Opacity	50.50%	0.20	15.00%
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	548.67	8.50	14.90
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	3.20	8.50	14.90
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	60.79	8.50	14.90
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	63.99	8.50	14.96
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Opacity	50.00%	8.50	0.00%
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butane	534.98	8.50	178.40
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	17.85	8.50	178.40
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	2.80	8.50	178.40
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Pentane	0.83	8.50	178.40
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propane	0.39	8.50	178.40
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	576.55	8.50	178.40
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	407.00	6.00	2.28
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	407.00	6.00	2.28
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	92.00	1.75	2.34
22647	6/15/03 1:15	6/15/03 2:21	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	2.00	1.75	1.17

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FEIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
24414	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Nitrogen Oxide	44.00	1.75	1.17
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	TOTAL NOx	46.00	1.75	0.05
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Butene	12.00	1.75	0.00
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Ethylene	147.00	1.75	4.00
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Hexene	14.00	1.75	0.00
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Oxene	12.00	1.75	0.00
24444	7/21/03 7:00	7/21/03 8:45	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	TOTAL VOCs	185.00	1.75	0.01
24898	7/29/03 10:00	7/29/03 18:15	2462C	EE	PEU 1792	P-1792	PEU 1792 Flare, Line 6 4#Hopper	45, F-75	CO	69.80	8.25	23.30
24898	7/29/03 10:00	7/29/03 18:15	2462C	EE	PEU 1792	P-1792	PEU 1792 Flare, Line 6 4#Hopper	45, F-75	Nitrogen Dioxide	0.50	8.25	3.20
24898	7/29/03 10:00	7/29/03 18:15	2462C	EE	PEU 1792	P-1792	PEU 1792 Flare, Line 6 4#Hopper	45, F-75	Nitrogen Oxide	9.20	8.25	3.20
24898	7/29/03 10:00	7/29/03 18:15	2462C	EE	PEU 1792	P-1792	PEU 1792 Flare, Line 6 4#Hopper	45, F-75	TOTAL NOx	9.70	8.25	3.20
24898	7/29/03 10:00	7/29/03 18:15	2462C	EE	PEU 1792	P-1792	PEU 1792 Flare, Line 6 4#Hopper	45, F-75	Ethylene	1124.20	8.25	19.70
24898	7/29/03 10:00	7/29/03 18:15	2462C	EE	PEU 1792	P-1792	PEU 1792 Flare, Line 6 4#Hopper	45, F-75	TOTAL VOCs	1124.20	8.25	19.70
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	CO	2709.46	5.25	4837.93
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Nitrogen Dioxide	18.70	5.25	669.82
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Nitrogen Oxide	356.40	5.25	669.82
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	TOTAL NOx	375.10	5.25	669.82
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Opacity	20.00%	5.25	0.00%
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Acetylene	98.75	5.25	8222.00
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Ethylene	2664.03	5.25	8222.00
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Propane	1.86	5.25	8222.00
26276	8/20/03 6:47	8/20/03 12:02	1504A	EE	EU 1592	P-1592	Flare	16	Propylene	1.86	5.25	8222.00
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	TOTAL VOCs	2766.50	5.25	8222.00
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	CO	8.90	74.50	133.57
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	Nitrogen Dioxide	0.06	74.50	18.49
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	Nitrogen Oxide	1.20	74.50	18.49
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	TOTAL NOx	1.26	74.50	0.00
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	Ethylene	13163.00	74.50	358.60
29880	10/26/03 19:00	10/29/03 21:30	37063	EE	NAOU 1798	P-1798	R-1209	16	TOTAL VOCs	13163.00	74.50	7.33
30505	11/12/03 5:00	11/12/03 14:30	2462C	EE	PEU 1792	P-1792	E-501 Cooling Tower	1792-76	Ethylene	225.00	9.50	3.47
30505	11/12/03 5:00	11/12/03 14:30	2462C	EE	PEU 1792	P-1792	E-501 Cooling Tower	1792-76	Ethylene	225.00	9.50	3.47
30554	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	225.00	9.50	3.47
30554	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	244.00	2.15	133.57
30554	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	17.00	2.15	18.49
30554	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Oxide	32.00	2.15	18.49
30554	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	49.00	2.15	17.65
30554	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	53.00	2.15	350.64

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source ID#/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
30534	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	26.00	2.15	8.00
30534	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	62.00	2.15	7.44
30534	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Octene	53.00	2.15	47.00
30534	11/14/03 2:37	11/14/03 4:46	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	433.00	2.15	358.62
31110	11/22/03 8:00	11/22/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798	CO	235.00	0.50	127.00
31110	11/22/03 8:00	11/22/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798	Nitrogen Dioxide	2.00	0.50	17.00
31110	11/22/03 8:00	11/22/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798	Nitrogen Oxide	30.00	0.50	17.00
31110	11/22/03 8:00	11/22/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798	TOTAL NOx	32.00	0.50	17.65
31110	11/22/03 8:00	11/22/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798	Ethylene	330.00	0.50	362.00
31110	11/22/03 8:00	11/22/03 8:30	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798	TOTAL VOCs	330.00	0.50	358.62
31121	11/24/03 11:00	11/27/03 13:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	CO	489.00	74.00	11.69
31121	11/24/03 11:00	11/27/03 13:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Nitrogen Dioxide	4.90	74.00	1.62
31121	11/24/03 11:00	11/27/03 13:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Nitrogen Oxide	91.40	74.00	1.62
31121	11/24/03 11:00	11/27/03 13:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL NOx	96.30	74.00	1.90
31121	11/24/03 11:00	11/27/03 13:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Hexene	1480.00	74.00	16.80
31121	11/24/03 11:00	11/27/03 13:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL VOCs	1480.00	74.00	16.80
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hydrogen	364.26	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hydrogen Sulfide	3.99	382.92	0.01
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	64.07	382.92	101.23
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Oxide	1217.31	382.92	101.23
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	1281.38	382.92	283.51
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Opacity	50.00%	382.92	0.00
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	807.74	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	33.79	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	488.92	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	34.04	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	894.58	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethane	742.87	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	2182.61	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hexane	36.44	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hexene	44.58	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Isoprene	49.63	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Methane	1280.98	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	60.93	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	95.36	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propene	83.26	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	6859.55	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	333.40	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	14159.77	382.92	1795.72
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	675.64	382.92	85.18
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hydrogen	85.57	382.92	85.09
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	4.68	382.92	11.79
31334	12/1/03 18:58	12/17/03 17:53	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Oxide	88.87	382.92	11.79

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/RTN	Emission Point	PER	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	CO	234.00	1.82	0.11
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	Nitric Oxide	115.00	1.82	0.05
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	Nitrogen Oxide	2.00	1.82	0.01
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	TOTAL NOx	117.00	1.82	0.05
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	Buene	10.00	1.82	0.01
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	Ethylene	402.00	1.82	0.01
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	Hexene	12.00	1.82	0.01
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	Ocene	10.00	1.82	0.01
37413	4/3/04 22:37	4/4/04 0:26	37063	EE	NAOU 1797	P-1797	R-202 Flare	136	TOTAL VOCs	434.00	1.82	0.01
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	CO	227.00	2.48	2.34
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Nitrogen Dioxide	5.70	2.48	1.17
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Nitrogen Oxide	108.00	2.48	1.17
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	TOTAL NOx	113.70	2.48	0.05
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Buene	62.50	2.48	4.00
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Ethylene	312.30	2.48	4.00
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Hexene	72.90	2.48	4.00
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	Ocene	62.50	2.48	4.00
38929	5/2/04 19:12	5/2/04 21:41	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	TOTAL VOCs	510.20	2.48	4.00
39448	5/11/04 16:44	5/11/04 17:22	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	412.48	0.63	358.62
39448	5/11/04 16:44	5/11/04 17:22	37063	EE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	412.48	0.63	358.62
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Buene	124.54	24.72	79.71
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	137.53	24.72	79.71
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Hexene	168.55	24.72	79.71
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	430.62	24.72	79.71
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Buene	8.58	24.72	0.01
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Ethylene	53.16	24.72	0.01
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Hexene	2.17	24.72	0.01
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	TOTAL VOCs	63.91	24.72	0.01
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Buene	163.00	24.72	5.67
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Ethylene	306.00	24.72	5.67
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Hexene	221.00	24.72	5.67
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	TOTAL VOCs	690.00	24.72	5.67
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Acetylene	61.96	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Benzene	181.59	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Buene	175.59	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Ethylene	1634.12	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Hexene	7780.53	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Hexene	42.25	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Propadiene	36.53	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Pontane	105.07	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Pentene	82.44	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Propane	80.54	216.50	1795.72
40018	5/22/04 23:30	5/22/04 0:13	37063	EE	NAOU 1797	P-1797	Z-101 Flare	136	Propylene	8471.84	216.50	1795.72

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	RPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	Toluene	50.97	216.50	1795.72
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	Xylene	7.88	216.50	1795.72
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	20183.51	216.50	1795.72
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	Process Fugitives	1592-31	Propylene	93.00	216.50	12.46
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	Process Fugitives	1592-31	TOTAL VOCs	93.00	216.50	12.46
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	46.40	216.50	85.09
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	464.12	216.50	85.09
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-710 Flare	1592-40	Propylene	7.53	216.50	85.09
40038	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	518.05	216.50	85.09
40039	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	CO	21516.14	216.50	731.14
40039	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	2830.02	216.50	101.23
40039	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	148.95	216.50	101.23
40039	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	2978.97	216.50	283.51
40039	5/22/04 12:00	5/31/04 12:30	1504A	EB	BU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	141.11	38.08	16.80
40050	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	P-1796	FS-541 Flare	1796-10A	Hexene	87.66	38.08	16.80
40050	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	P-1796	FS-541 Flare	1796-10A	Pentane, N-	112.82	38.08	16.80
40050	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	P-1796	FS-541 Flare	1796-10A	TOTAL VOCs	341.59	38.08	16.80
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	CO	513.87	38.08	11.69
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Nitric Oxide	95.80	38.08	1.62
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Nitrogen Dioxide	5.04	38.08	1.62
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	TOTAL NOx	100.84	38.08	1.90
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Butene	13.60	5.03	0.01
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Ethylene	445.40	5.03	0.01
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Hexene	15.30	5.03	0.01
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Octene	13.60	5.03	0.01
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	TOTAL VOCs	487.90	5.03	0.01
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	CO	257.10	5.03	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Nitric Oxide	123.90	5.03	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Nitrogen Dioxide	6.50	5.03	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	TOTAL NOx	130.40	5.03	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	CO	22.20	0.12	0.11
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Nitric Oxide	10.73	0.12	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Nitrogen Dioxide	0.56	0.12	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	TOTAL NOx	11.29	0.12	0.05
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	Ethylene	40.30	0.12	0.01
40051	5/22/04 17:25	5/24/04 7:30	19027	EB	PEU 1796 Train	FS-541	FS-541 Flare	1796-10A	TOTAL VOCs	40.30	0.12	0.01

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
40906	6/7/04 20:19	6/7/04 20:25	37063	EE	NAOU 1797	P-1797	Fugitives	F-130	Ethylene	728.00	0.12	5.67
41800	6/7/04 20:19	6/7/04 20:26	37063	EE	NAOU 1797	P-1797	Fugitives	F-130	TOTAL VOCs	728.00	0.12	5.67
41801	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	0.02	5.42	3150.43
41802	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	2480.87	5.42	3150.43
41803	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Propane	0.15	5.42	3150.43
41804	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Propylene	2.23	5.42	3150.43
41805	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	2483.27	5.42	3150.43
41806	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	CO	79.40	5.42	0.32
41807	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	Nitric Oxide	10.44	5.42	0.04
41808	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	Nitrogen Dioxide	0.55	5.42	0.04
41809	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	TOTAL NOX	10.99	5.42	0.04
41810	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	57.22	5.42	0.02
41811	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	1.25	5.42	0.02
41812	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-710 Flare	1592-40	Propylene	0.02	5.42	0.02
41813	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	58.49	5.42	0.02
41814	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	CO	2596.49	5.42	2047.71
41815	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	341.52	5.42	283.51
41816	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	17.97	5.42	283.51
41817	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOX	359.49	5.42	283.51
41818	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	CO	135.90	3.58	127.40
41819	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	15.10	3.58	14.90
41820	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	0.70	3.58	14.90
41821	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOX	15.80	3.58	14.96
41822	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	121.90	3.58	178.40
41823	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	121.90	3.58	178.40
41824	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	CO	446.10	112.50	127.51
41825	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	58.67	112.50	17.65
41826	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	3.09	112.50	17.65
41827	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOX	61.76	112.50	17.65
41828	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	89.31	112.50	358.62
41829	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Hexane	1143.32	112.50	358.62
41830	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	1232.63	112.50	358.62
41831	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	2979.61	112.50	7.33
41832	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	2979.61	112.50	7.33
41833	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Butene	40.00	5.45	358.62
41834	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	3861.00	5.45	358.62
41835	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	3901.00	5.45	358.62
41836	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	CO	2823.00	5.45	127.51
41837	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	371.00	5.45	17.65
41838	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	20.00	5.45	17.65
41839	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOX	391.00	5.45	17.65
41840	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	121.32	9.00	59.02
41841	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	6.38	9.00	59.02
41842	6/25/04 9:20	6/25/04 14:45	1504A	EE	BU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOX	127.70	9.00	118.04

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FTN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
43102	7/20/04 12:00	7/20/04 21:00	1504A	EE	Utilities 1092	BF-801C	BF-801C Stack	1592-11	Nitric Oxide	151.90	9.00	59.02
43102	7/20/04 12:00	7/20/04 21:00	1504A	EE	Utilities 1092	BF-801C	BF-801C Stack	1592-11	Nitrogen Dioxide	8.00	9.00	59.02
43102	7/20/04 16:55	7/22/04 17:44	1504A	EE	Utilities 1092	BF-801C	BF-801C Stack	1592-11	TOTAL NOx	159.90	9.00	59.02
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	549.64	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	40.56	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	381.35	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	22.73	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	541.42	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	2382.89	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hexane	2.66	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hexane	154.34	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Isopentane	9.73	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	9.73	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	223.70	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	158.02	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	3471.73	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	130.18	24.82	3150.43
43102	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	0.03	24.82	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	8078.71	24.82	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	CO	268.37	24.82	0.32
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	Nitric Oxide	35.30	24.82	0.04
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	Nitrogen Dioxide	1.86	24.82	0.04
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	TOTAL NOx	37.16	24.82	0.04
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	Acetylene	64.41	24.82	0.02
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	Ethylene	79.92	24.82	0.02
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	Propane	0.03	24.82	0.02
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-40	Propylene	0.09	24.82	0.02
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	144.45	24.82	0.02
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	6170.21	24.82	2047.71
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	811.57	24.82	283.51
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	854.28	24.82	283.51
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Methylacetylene	158.00	30.50	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	122.00	30.50	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	1466.00	30.50	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	2020.00	30.50	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	2636.00	30.50	3150.43
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	2636.00	30.50	2047.71
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	347.00	30.50	283.51
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	18.00	30.50	283.51
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	365.00	30.50	283.51
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	113.75	8.83	23.30
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	14.96	8.83	3.20
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	0.79	8.83	3.20
43142	7/21/04 16:55	7/22/04 17:44	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	15.75	8.83	3.20

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/ETN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
45547	9/1/04 19:05	9/2/04 3:55	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	Ethylene	160.00	8.83	28.89
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	160.00	8.83	28.80
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	2484.92	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	178.86	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	294.34	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	3436.31	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	13359.31	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Hexene	764.84	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Methylacetylene	60.62	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	0.15	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentadiene	1204.88	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	60.62	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	214.63	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	6687.58	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	28747.06	28.62	31.50.43
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	46.21	28.62	0.02
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	440.03	28.62	0.02
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	7.13	28.62	0.02
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	499.37	28.62	0.02
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	23971.77	28.62	2047.71
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	3153.01	28.62	283.51
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	165.95	28.62	283.51
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	3318.96	28.62	283.51
47791	10/13/04 16:30	10/14/04 21:07	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	687.00	30.87	28.80
47800	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	Propane	92.00	30.87	28.80
47800	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	TOTAL VOCs	779.00	30.87	28.80
47805	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	CO	560.00	30.87	23.30
47805	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	Nitrogen Dioxide	3.90	30.87	3.20
47805	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	Nitrogen Oxide	73.70	30.87	3.20
47805	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	TOTAL NOx	615.53	14.87	35.72
47805	10/13/04 16:38	10/14/04 23:30	2462C	EE	PEU 1792	P-1792	X-901 Flare	45	Nitric Oxide	80.96	14.87	4.95
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	4.26	14.87	4.95
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	85.22	14.87	4.95
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Butane	264.54	14.87	79.71
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	573.16	14.87	79.71
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Hexene	176.36	14.87	79.71
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Octene	176.36	14.87	79.71
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	1190.42	14.87	79.71
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Butene	32.00	14.87	0.01
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	1704.10	14.87	0.01
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Hexene	36.00	14.87	0.01
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Octene	32.00	14.87	0.01
47806	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	1804.10	14.87	0.01
47808	10/13/04 16:35	10/14/04 7:27	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	CO	966.50	14.87	0.11

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/EIN		Emission Point	EPN	Pollutant	Amount Released		Reported	
															(lbs)	(hrs)
47805	10/13/04	16:35	10/14/04	7:27	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	136	Nitric Oxide	465.99	14.87	0.05	
47808	10/13/04	16:35	10/14/04	7:27	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	136	Nitrogen Dioxide	24.53	14.87	0.05	
47822	10/13/04	16:38	10/14/04	7:27	37063	EE	NAOU 1797	SYS-740	SYS-740 Flare	136	136	TOTAL NOX	490.52	14.87	0.05	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G	1796-06G	Hexene	24.20	20.07	4.90	
47822	10/13/04	16:38	10/14/04	12:42	19027	EE	PEU 1796	P-1796	Incinerator	1796-06G						

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FTN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	13.80	1.75	3150.43
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	1,3-Butadiene	150.30	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Benzene	6.50	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Butane	194.70	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Butene	133.30	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Cyclopentane	45.80	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Dicyclohexadiene	13.10	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Hexane	3.30	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Methyl Pentane	3.30	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Methylcyclo-pentane	3.30	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	Pentane	101.50	1.75	12.46
48397	10/25/04 9:15	10/25/04 11:00	1504A	EE	EU 1592	P-1592	Process Fugitives	1592-31	TOTAL VOCs	655.10	1.75	12.46
50045	11/29/04 8:30	12/20/04 4:00	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	CO	38.02	240.00	35.72
50045	11/29/04 8:30	12/20/04 4:00	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Nitric Oxide	0.26	240.00	4.95
50045	11/29/04 8:30	12/20/04 4:00	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	0.26	240.00	4.95
50045	11/29/04 8:30	12/20/04 4:00	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	5.26	241.00	4.95
50045	11/29/04 8:30	12/20/04 4:00	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	Butane	111.36	240.00	79.71
50045	11/29/04 8:30	12/20/04 4:00	37063	EE	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	111.36	240.00	79.71
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Condensate Vent	D-567	Butene	6020.40	257.50	0.00
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Condensate Vent	D-567	TOTAL VOCs	6020.40	257.50	0.00
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Ethylene	389.00	0.13	7.37
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	TOTAL VOCs	389.00	0.13	7.37
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Butene	8.96	1.83	0.01
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Ethylene	335.01	1.83	0.01
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Hexene	10.08	1.83	0.01
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Oxene	8.96	1.83	0.01
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	TOTAL VOCs	363.01	1.83	0.01
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	CO	667.00	35.20	11.69
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Nitrogen Dioxide	6.50	35.20	1.62
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Nitrogen Oxide	124.00	35.20	1.62
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	TOTAL NOx	130.50	35.20	1.90
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Ethylene	83.00	35.20	1.60
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Hexane	29.00	35.20	1.60
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Pentane	98.00	35.20	1.60
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Hexene	247.00	35.20	1.60
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	TOTAL VOCs	457.00	35.20	16.8
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Butene	245.00	1.48	0.00
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Decene	85.00	1.48	0.00
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Dodecene	16.00	1.48	0.00
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Eicosene	0.20	1.48	0.00
50045	11/18/04 15:00	11/29/04 8:30	37063	EE	NAOU 1797	P-1797	Process Fugitives	F-75	Ethane	20.00	1.48	0.00

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/FIN		Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Ethylene	483.00	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Hexadecene	0.60	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Hexene	304.00	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Methane	0.08	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Octadecene	0.10	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Octene	197.00	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	Tetradecene	3.00	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	TOTAL VOCs	1352.98	1.48	0.00
55989	3/29/05 20:00	3/29/05 21:29	3/29/05 21:29	3/29/05 21:29	17063	EE	NAOU 1798	P-1798		Drum	D-1567	CO	76.25	3.03	35.72
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Nitrogen Dioxide	0.53	3.03	4.95
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Nitrogen Oxide	10.03	3.03	4.95
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	TOTAL NOx	10.56	3.03	4.95
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Ethylene	107.25	3.03	79.71
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	TOTAL VOCs	107.25	3.03	79.71
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Ethylene	514.03	0.08	2.28
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	TOTAL VOCs	514.03	0.08	2.28
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Ethylene	148.51	39.75	28.80
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Propylene	29.31	39.75	28.80
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Propylene	242.95	39.75	28.80
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	TOTAL VOCs	420.77	39.75	28.80
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	CO	293.60	39.75	23.30
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Nitrogen Dioxide	2.03	39.75	3.20
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Nitrogen Oxide	38.62	39.75	3.20
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	TOTAL NOx	40.65	39.75	3.20
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Butene	37.20	0.33	0.81
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Ethane	0.20	0.33	0.81
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Ethylene	0.30	0.33	0.81
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Hexene	177.40	0.33	0.81
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	Octene	9.30	0.33	0.81
56572	4/11/05 18:38	4/11/05 21:40	4/11/05 21:40	4/11/05 21:40	37063	EE	NAOU 1797	P-1797		Z-101 Flare	110	TOTAL VOCs	224.40	0.33	0.81
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Nitrogen Dioxide	2.03	39.75	3.20
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Nitrogen Oxide	38.62	39.75	3.20
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	TOTAL NOx	40.65	39.75	3.20
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Butene	37.20	0.33	0.81
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Ethane	0.20	0.33	0.81
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Ethylene	0.30	0.33	0.81
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Hexene	177.40	0.33	0.81
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	Octene	9.30	0.33	0.81
56889	4/13/05 17:15	4/15/05 9:00	4/15/05 9:00	4/15/05 9:00	2462C	EE	PEU 1792	X-901	X-901 Flare	45	45	TOTAL VOCs	224.40	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Hexadecene	0.10	1.48	0.00
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Octadecene	0.10	1.48	0.00
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Octene	197.00	1.48	0.00
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Tetradecene	3.00	1.48	0.00
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	TOTAL VOCs	1352.98	1.48	0.00
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	CO	76.25	3.03	35.72
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Nitrogen Dioxide	0.53	3.03	4.95
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Nitrogen Oxide	10.03	3.03	4.95
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	TOTAL NOx	10.56	3.03	4.95
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Ethylene	107.25	3.03	79.71
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Ethylene	514.03	0.08	2.28
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Propylene	29.31	39.75	28.80
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Propylene	242.95	39.75	28.80
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	TOTAL VOCs	420.77	39.75	28.80
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	CO	293.60	39.75	23.30
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Nitrogen Dioxide	2.03	39.75	3.20
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Nitrogen Oxide	38.62	39.75	3.20
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	TOTAL NOx	40.65	39.75	3.20
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Butene	37.20	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Ethane	0.20	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Ethylene	0.30	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Hexene	177.40	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Octene	9.30	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	TOTAL VOCs	224.40	0.33	0.81
57507	4/27/05 15:05	4/27/05 15:25	4/27/05 15:25	4/27/05 15:25	106.261/262	EE	NAOU 1797	TK-31	TK-31	TK-31	126F	Hexadecene	0.10	1.48	0.00
57507	4/27/05 15:0														

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FTN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
58374	5/17/05 8:30	5/17/05 9:20	1504A	EB	EU 1592 Shipping Area	P-1592	Process Fugitives	F-1592-31	Isoprene	290.09	0.83	12.46
58374	5/17/05 8:30	5/17/05 9:20	1504A	EB	EU 1592 Shipping Area	P-1592	Process Fugitives	F-1592-31	Pentane	1068.26	0.83	12.45
58374	5/17/05 8:30	5/17/05 9:20	1504A	EB	EU 1592 Shipping Area	P-1592	Process Fugitives	F-1592-31	trans-PiPerylene	168.34	0.83	12.46
58374	5/17/05 8:30	5/17/05 9:20	1504A	EB	EU 1592 Shipping Area	P-1592	Process Fugitives	F-1592-31	TOTAL VOCs	2206.00	0.83	12.46
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	1,3-Butadiene	183.00	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Benzene	59.10	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Butane	13.50	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Butene	157.40	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Hexane	67.90	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Propadiene	29.70	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Pentane	64.50	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Pentene	18.40	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Propane	122.80	37.00	0.31
61265	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	Propylene	797.60	37.00	0.31
61268	7/15/05 0:30	7/16/05 13:30	1504A	EB	EU 1592	P-1592	Fugitives	F-160	TOTAL VOCs	1493.90	37.00	0.31
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	CO	95.15	10.83	35.72
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	0.66	10.83	4.95
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Oxide	12.65	10.83	4.95
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	13.31	10.83	4.95
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	135.16	10.83	79.71
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	135.16	10.83	79.71
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	CO	20.30	10.83	0.11
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Dioxide	0.52	10.83	0.05
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Oxide	9.83	10.83	0.05
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	10.35	10.83	0.05
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	36.90	10.83	0.01
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	36.90	10.83	0.01
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Process Fugitives	F-130	Ethylene	2675.00	10.83	5.67
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Process Fugitives	F-130	TOTAL VOCs	2675.00	10.83	5.67
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	CO	67.70	5.22	35.70
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Dioxide	0.50	5.22	4.90
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Nitrogen Oxide	8.90	5.22	4.90
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL NOx	9.40	5.22	4.95
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Butene	183.00	5.22	79.70
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	Hexene	15.00	5.22	79.70
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	198.00	5.22	79.70
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Fugitive	F-130	Butene	119.00	5.22	5.67
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Fugitive	F-130	Hexene	10.00	5.22	5.67
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Fugitive	F-130	TOTAL VOCs	129.00	5.22	5.67
61839	7/28/05 1:01	7/28/05 11:51	37063	EB	NAOU 1797	P-1797	Process Fugitives	F-1592-31	2 Methyl Nonane	0.11	0.08	12.46

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/EIN		Emission Point	EEN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
	Time	Time	Time	Time				Source	EIN						
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Benzene, butyl-	0.22	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Benzene	10.00	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Cyclopentadiene	0.29	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Dicyclopentadiene	4.65	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Ethylbenzene	0.44	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Indene	0.44	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Pentane	0.41	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Styrene	2.44	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Toluene	2.18	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Trimethylbenzene, 1,2,4-	0.44	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	Xylene	0.62	0.08	12.46
63434	8/24/05 5:15	8/24/05 5:20	1504A	EE	EU 1592	P-1592	Process Fugitives	F-1592-31		Process Fugitives	F-1592-31	TOTAL VOCs	22.24	0.08	12.46
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	CO	10289.58	237.25	731.14
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Nitric Oxide	1353.39	237.25	101.23
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Nitrogen Dioxide	71.23	237.25	101.23
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	TOTAL NOx	1424.62	237.25	283.51
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Acetylene	589.86	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Benzene	22.05	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Butane	82.44	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Butene	271.70	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Ethylene	157.48	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Methylacetylene	3283.50	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Pentane, N-	64.15	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Propadiene	468.16	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Propane	47.65	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Propylene	898.89	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Toluene	3233.08	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Xylene	273.92	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	TOTAL VOCs	180.76	237.25	1795.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Nitric Oxide	144.32	237.25	85.18
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Nitrogen Dioxide	18.98	237.25	11.79
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	TOTAL NOx	19.98	237.25	0.04
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Acetylene	5.00	237.25	85.09
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Ethylene	200.00	237.25	85.09
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Propane	0.50	237.25	85.09
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Propylene	0.50	237.25	85.09
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	TOTAL VOCs	206.00	237.25	85.09
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	CO	399.39	14.00	35.72
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Nitric Oxide	51.74	14.00	4.95
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Nitrogen Dioxide	2.72	14.00	4.95
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	TOTAL NOx	54.46	14.00	4.95
64862	9/21/05 12:00	10/1/05 9:15	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16		CB-701 Flare	1592-16	Ethylene	527.98	14.00	79.71

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/EPN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	527.98	14.00	79.71
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	CO	72.27	14.00	2.23
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	34.40	14.00	1.12
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Dioxide	1.81	14.00	1.12
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	36.21	14.00	0.05
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Buene	6.52	14.00	4.00
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	120.03	14.00	4.00
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	126.55	14.00	4.00
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	CO	415.53	223.50	23.30
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	54.66	223.50	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Dioxide	2.88	223.50	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	57.54	223.50	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	432.63	223.50	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Propane	4.19	223.50	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	15.38	103.00	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Propylene	36.29	223.50	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	473.11	223.50	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	CO	116.96	103.00	23.30
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	15.38	103.00	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Propylene	0.81	103.00	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	16.19	103.00	3.20
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	89.28	103.00	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Propane	32.00	103.00	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	45.66	103.00	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Propylene	45.66	103.00	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	166.94	103.00	28.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	CO	1527.00	24.00	11.69
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	169.00	24.00	1.62
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Dioxide	8.90	24.00	1.62
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	177.90	24.00	1.90
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	344.50	24.00	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Hexane	51.00	24.00	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Hexane	131.00	24.00	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Methyl Pentane	118.00	24.00	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Pentane, N-	372.00	24.00	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	1016.50	24.00	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Buene	5.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	3320.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Hexane	18.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Hexane	621.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Methyl Pentane	18.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Pentane, N-	36.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	4018.00	0.83	16.80
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	CO	887.80	27.00	6.06
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitric Oxide	116.80	27.00	0.84
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	Nitrogen Oxide	6.10	27.00	0.84
64887	9/21/05 12:00	9/22/05 2:00	37063	Shutdown	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	133.34	27.00	17.65

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butane	95.18	27.00	8.00
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Decene	2.12	27.00	8.00
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	1123.21	27.00	8.00
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	16.54	27.00	8.00
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ocene	0.92	27.00	8.00
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	1227.53	27.00	8.00
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	17134.98	124.28	731.14
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitric Oxide	2253.77	124.28	101.23
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	118.62	124.28	101.23
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	2372.39	124.28	283.51
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	1,3-Butadiene	2229.80	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Acetylene	58.65	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Benzene	1297.15	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butane	266.42	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	2490.02	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	11026.50	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	4.81	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propadiene	110.38	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Pentane	405.49	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Pentene	534.21	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propane	68.03	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propylene	2681.48	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Toluene	877.28	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Xylene	344.95	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	22395.17	124.28	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	85.39	124.28	85.18
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitric Oxide	11.23	124.28	11.79
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	0.59	124.28	11.79
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	11.82	124.28	0.04
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Acetylene	15.16	124.28	85.09
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	51.13	124.28	85.09
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Propylene	0.83	124.28	85.09
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	67.12	124.28	85.09
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	3380.00	68.50	128.13
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitric Oxide	374.30	68.50	14.96
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	19.70	68.50	14.96
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	394.00	68.50	14.96
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	136.00	0.02	7.37
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	136.00	0.02	7.37
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	6396.44	144.00	731.14
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitric Oxide	841.32	144.00	101.23
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Nitrogen Dioxide	44.28	144.00	101.23
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL NOx	885.60	144.00	283.51
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	1,3-Butadiene	285.68	144.00	1795.72
65405	9/27/05 13:30	9/28/05 16:30	1504A	BE	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Acetylene	19.01	144.00	1795.72

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	105.06	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	132.62	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	76.45	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	2226.44	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propadiene	44.57	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	73.25	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	1545.55	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	30.04	144.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	215.73	144.00	1795.72
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	18.45	144.00	1795.72
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	4772.85	144.00	1795.72
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	CO	207.13	144.00	85.18
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Nitric Oxide	27.24	144.00	11.79
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Nitrogen Dioxide	1.43	144.00	11.79
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL NOx	28.67	144.00	0.04
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	9.97	144.00	85.09
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	193.05	144.00	85.09
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	3.17	144.00	85.09
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	VOC	1.79	144.00	85.09
70202	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	209.98	144.00	85.09
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	167.70	1.00	3150.40
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	4586.09	1.00	3150.40
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	356.10	1.00	3150.40
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	469.90	1.00	3150.40
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	566.30	1.00	3150.40
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	6146.00	1.00	3150.40
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	CO	14743.00	168.00	731.14
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	1939.00	168.00	101.23
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	102.00	168.00	101.23
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	2041.00	168.00	283.51
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	317.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	208.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	429.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	11109.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	157.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	667.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	179.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	13066.00	168.00	1795.72
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	CO	332.00	168.00	85.18
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	44.00	168.00	11.79
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Nitrogen Dioxide	2.00	168.00	11.79
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL NOx	46.00	168.00	0.04
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	38.00	168.00	85.09
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	263.00	168.00	85.09
70395	1/11/06 10:00	1/17/06 10:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	4.00	168.00	85.09

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/FIN		Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
70395	1/18/06 10:00	1/25/06 10:00	1504A	EU 1592	P-1592	CB-701 Flare	1592-40	TOTAL VOCs	305.10	2.20	3150.40				
70583	1/19/06 1:30	1/19/06 3:42	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	207.10	2.20	3150.40				
70583	1/19/06 1:30	1/19/06 3:42	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	4909.00	2.20	3150.40				
70583	1/19/06 1:30	1/19/06 3:42	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	840.50	2.20	3150.40				
70583	1/19/06 1:30	1/19/06 3:42	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	1315.00	2.20	3150.40				
70583	1/19/06 1:30	1/19/06 3:42	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	778.00	2.20	3150.40				
70583	1/19/06 1:30	1/19/06 3:42	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	8049.60	2.20	3150.40				
70666	1/23/06 14:22	1/23/06 15:42	1504A	EU 1592	EU-1592	CB-701 Flare	1592-16	1,3-Butadiene	120.90	1.33	3150.00				
70666	1/23/06 14:22	1/23/06 15:42	1504A	EU 1592	EU-1592	CB-701 Flare	1592-16	Ethylene	5000.60	1.33	3150.00				
70666	1/23/06 14:22	1/23/06 15:42	1504A	EU 1592	EU-1592	CB-701 Flare	1592-16	Propylene	1742.89	1.33	3150.00				
70666	1/23/06 14:22	1/23/06 15:42	1504A	EU 1592	EU-1592	CB-701 Flare	1592-16	Propylene	725.40	1.33	3150.00				
70666	1/23/06 14:22	1/23/06 15:42	1504A	EU 1592	EU-1592	CB-701 Flare	1592-16	VOC	781.70	1.33	3150.00				
70666	1/23/06 14:22	1/23/06 15:42	1504A	EU 1592	EU-1592	CB-701 Flare	1592-16	TOTAL VOCs	8371.49	1.33	3150.00				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	CO	21.10	11.05	731.14				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	194.80	11.05	3150.00				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	7503.70	11.05	3150.00				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	2930.70	11.05	3150.00				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	2340.80	11.05	3150.00				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	1336.50	11.05	3150.00				
70786	1/23/06 21:14	1/24/06 8:17	1504A	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	14306.50	11.05	3150.00				
72456	3/4/06 1:07	3/4/06 1:12	2462C	PEU 1792	P-1792	Fugitive	F-75	Ethylene	351.00	0.08	7.37				
72456	3/4/06 1:07	3/4/06 1:12	2462C	PEU 1792	P-1792	Fugitive	F-75	TOTAL VOCs	351.00	0.08	7.37				
72547	3/6/06 15:00	3/9/06 15:00	1504A	EU 1592	P-1592	BA-101	1592-01A	Ammonia	404.00	72.00	1.08				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Ethylene	683.00	0.50	7.37				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	TOTAL VOCs	683.00	0.50	7.44				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Cyclopentadiene	49.08	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Dicyclopentadiene	57.43	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Isopentane	67.88	0.55	79.91				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Isoprene	78.32	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Pentane, N-	78.32	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Pentadienes	68.40	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Pentene	26.11	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	Piperylene	26.11	0.55	79.71				
74916	4/25/06 11:15	4/25/06 11:45	2462C	PEU 1792	P-1792	Process Fugitives	F-75	VOC	46.99	0.55	79.71				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	TOTAL VOCs	498.64	0.55	79.71				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	2-Butyne	5.34	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Butene	3.43	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Cyclopentadiene	23.18	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Cyclopentadiene	45.52	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Dicyclopentadiene	79.38	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Isopentane	39.94	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Isoprene	62.52	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Pentane, N-	9.26	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Pentene	24.50	4.00	2.02				
75108	4/28/06 16:07	4/28/06 16:40	37063	NAOU 1797	P-1791	Z-101 Flare	110	Piperylene	77.81	4.00	2.02				

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/RTN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
75112	4/30/06 13:45	4/30/06 17:45	37063	BE	NAOU 1797	P-1791	Trap	134	VOC	105.20	4.00	2.02
75112	4/30/06 13:45	4/30/06 17:45	37063	BE	NAOU 1797	P-1791	Trap	134	TOTAL VOCs	476.08	4.00	2.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	12400.00	36.00	2047.70
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Nitric Oxide	1716.70	36.00	283.50
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL NOx	1716.70	36.00	283.51
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	281.60	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	765.10	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	921.90	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	286.60	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	8203.50	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	2184.70	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	1980.30	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	745.60	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	15367.30	36.00	3150.40
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	CO	550.80	36.00	0.32
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	Nitric Oxide	76.30	36.00	0.04
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	TOTAL NOx	76.30	36.00	0.04
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	Acetylene	220.00	36.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	Ethylene	352.60	36.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	VOC	53.70	36.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	TOTAL VOCs	626.30	36.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	34582.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	4788.00	13.00	283.51
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	66.50	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	391.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	473.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	107.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	1288.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	315.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	858.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	403.00	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	3901.50	13.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	CO	2693.00	13.00	0.32
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	NOx	373.00	13.00	0.04
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	Acetylene	12.20	13.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	Ethylene	239.00	13.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-40	VOC	3.70	13.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	254.90	13.00	0.02
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	11810.00	24.00	2047.71
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	1635.20	24.00	283.51
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	748.40	24.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	2255.00	24.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	1572.40	24.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	600.70	24.00	3150.00
75967	5/17/06 5:13	5/18/06 17:13	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	10775.30	24.00	3150.00

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-701 Flare	1592-16	Propane	1641.40	24.00	3150.00
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-701 Flare	1592-16	Propane	4881.10	24.00	3150.00
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-701 Flare	1592-16	VOC	2361.10	24.00	3150.00
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-701 Flare	1592-16	TOTAL VOCs	24835.40	24.00	3150.00
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-710 Flare	1592-40	CO	288.80	24.00	0.32
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-710 Flare	1592-40	NOx	40.00	24.00	0.04
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-710 Flare	1592-40	Acetylene	57.70	24.00	0.32
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-710 Flare	1592-40	Ethylene	136.40	24.00	0.02
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-710 Flare	1592-40	VOC	71.90	24.00	0.02
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	CB-710 Flare	1592-40	TOTAL VOCs	266.00	24.00	0.02
76377	5/28/06 19:45	5/29/06 19:45	1504A	EE	EU 1592	1592-16	TK-31	126F	Ethylene	261.00	9.33	0.35
76684	6/5/06 17:30	6/6/06 2:50	37063	EE	NAOU 1797	P-1797	TK-31	126F	TOTAL VOCs	261.00	9.33	0.35
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	CO	12440.40	10.00	2047.71
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	NOx	1721.70	10.00	283.51
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	Acetylene	9.21	10.00	3150.43
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	Ethylene	14048.20	10.00	1200.00
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	Propane	11.92	10.00	3150.43
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	VOC	83.87	10.00	1200.00
82342	10/7/06 4:30	10/7/06 14:30	1504A	EE	EU 1592	CB-701 Flare	CB-701 Flare	1592-16	TOTAL VOCs	7.09	10.00	3150.43
82584	10/12/06 21:52	10/12/06 22:00	37063	EE	Loading	P-1791	Fugitives	F-130	Butene	3314.00	0.13	5.67
82584	10/12/06 21:52	10/12/06 22:00	37063	EE	Loading	P-1791	Fugitives	F-130	TOTAL VOCs	3314.00	0.13	5.67
82827	10/12/06 21:52	10/12/06 22:00	37063	EE	Loading	P-1791	Fugitives	F-130	Butene	3314.00	0.13	5.67
82827	10/12/06 21:52	10/12/06 22:00	37063	EE	Loading	P-1791	Fugitives	F-130	TOTAL VOCs	3314.00	0.13	5.67
82951	10/23/06 13:30	10/24/06 13:30	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	63.00	24.00	5.67
82951	10/23/06 13:30	10/24/06 13:30	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	63.00	24.00	5.67
82956	10/23/06 13:30	10/24/06 13:30	37063	EE	NAOU 1798	P-1798	Emissions	F-1798-30	Ethylene	34.00	24.00	7.33
82956	10/23/06 13:30	10/24/06 13:30	37063	EE	NAOU 1798	P-1798	Emissions	F-1798-30	TOTAL VOCs	34.00	24.00	7.33
83059	10/25/06 23:00	10/26/06 23:00	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	2105.00	24.00	358.62
83059	10/25/06 23:00	10/26/06 23:00	37063	Startup	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	2105.00	24.00	358.62
83913	11/15/06 16:00	11/16/06 1:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	CO	297.30	9.00	10.30
83913	11/15/06 16:00	11/16/06 1:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	NOx	55.80	9.00	1.90
83913	11/15/06 16:00	11/16/06 1:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Ethylene	423.00	9.00	16.79
83913	11/15/06 16:00	11/16/06 1:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL VOCs	423.00	9.00	76.79
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	CO	2.10	4.50	10.30
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	NOx	0.41	4.50	1.90
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Ethylene	143.00	4.50	16.79
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL VOCs	163.00	4.50	16.79
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Hexene	165.00	4.50	16.79
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL VOCs	308.00	4.50	16.79
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Hexene	221.00	4.50	3.22
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL VOCs	78.00	4.50	3.22
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	Hexene	299.00	4.50	3.22
84075	11/20/06 7:30	11/20/06 12:00	19027	EE	PEU 1796	P-1796	FS-541 Flare	1796-10A	NOx	87.70	0.57	7.44
85306	12/20/06 19:29	12/20/06 20:03	2462	EE	PEU 1792	P-1792	Process Fugitives	F-75	Ethylene	87.70	0.57	7.44
85306	12/20/06 19:29	12/20/06 20:03	2462	EE	PEU 1792	P-1792	Process Fugitives	F-75	TOTAL VOCs	87.70	0.57	7.44
85306	12/20/06 19:29	12/20/06 20:03	2462	EE	PEU 1792	P-1792	Process Fugitives	F-75	VOC	7.34	48.00	0.31

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/EPN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
86704	2/17/07 6:30	2/19/07 6:30	19027	Maintenance	PEU 1796	TK-561	Tank 561	1796-04B	Opacity	7.34	48.00	0.31
91369	5/18/07 14:54	5/18/07 15:05	1504A	Excess Opacity	EU 1592	BA111	Cracking Furnace	1592-06A	Opacity	75%	0.18	5%
95271	7/31/07 16:55	7/31/07 17:00	2462C	EB	PEU 1792	P-1792	Fugitive	F-75	Ethylene	351.00	0.08	7.37
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	CO	234.60	1.85	26.80
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	NOx	46.04	1.85	26.80
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	Butane	1.90	1.85	26.80
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	Ethylene	218.10	1.85	26.80
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	Hexane	183.60	1.85	26.80
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	Pentane	110.60	1.85	26.80
98558	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	FS-541	PEU 1796 Flare	1796-10A	TOTAL VOCs	514.20	1.85	26.80
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	-	Analyzer Tube	None	Ethylene	47.00	1.85	0.00
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	-	Analyzer Tube	None	Hexene	15.00	1.85	0.00
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	-	Analyzer Tube	None	Pentane	8.00	1.85	0.00
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	-	Analyzer Tube	None	TOTAL VOCs	70.00	1.85	0.00
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	-	Analyzer Tube	None	Ethylene	123.06	0.17	7.37
98658	10/13/07 1:52	10/13/07 3:43	19027	EB	PEU 1796	-	Analyzer Tube	None	TOTAL VOCs	201.00	1.73	0.11
99292	10/25/07 16:11	10/25/07 16:21	2426C	EB	PEU 1792	P-1792	Fugitive	F-75	Nitrogen Oxide	100.70	1.73	0.05
101332	12/13/07 23:50	12/14/07 1:34	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL NOx	100.70	1.73	0.05
101332	12/13/07 23:50	12/14/07 1:34	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	Butene	27.40	1.73	12.01
101332	12/13/07 23:50	12/14/07 1:34	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	Ethylene	306.80	1.73	12.01
101332	12/13/07 23:50	12/14/07 1:34	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	VOC	26.80	1.73	12.01
101332	12/13/07 23:50	12/14/07 1:34	37063	EB	NAOU 1797	P-1797	SYS-740 Flare	136	TOTAL VOCs	361.00	1.73	12.01
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	252.00	6.00	101.23
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	39.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	2.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	141.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	130.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	38.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	549.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	110.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	249.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	116.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	47.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	12.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	3.00	6.00	1795.72
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	1436.00	6.00	3150.43
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	CO	144.00	6.00	85.18
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	NOx	20.00	6.00	11.79
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	1.00	6.00	85.09
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	189.00	6.00	85.09
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propane	0.50	6.00	85.09
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	0.10	6.00	85.09

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/ETN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
101701	12/26/07 16:00	12/26/07 22:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	190.60	6.00	85.09
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	CO	2592.00	4.00	731.14
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	359.00	4.00	101.23
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	121.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	12.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	55.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	99.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	1483.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Hexane	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Hexene	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	401.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	100.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	227.00	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	0.01	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	2498.07	4.00	1795.72
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	CO	14.47	4.00	85.18
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	NOx	2.00	4.00	11.79
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	0.10	4.00	85.09
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	10.00	4.00	85.09
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	2.00	4.00	85.09
101849	12/29/07 18:00	12/29/07 22:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	12.10	4.00	85.09
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	CO	82.43	0.00	0.11
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	NOx	41.29	0.00	0.05
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	Butane	0.12	0.05	6.01
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	Butene	7.13	0.00	6.01
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	Ethylene	121.04	0.00	6.01
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	Pentane	4.47	0.00	6.01
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	Propane	0.09	0.00	6.01
102459	1/15/08 0:00	1/15/08 0:00	37063	Startup	EU 1592	P-1592	SYS-740 Flare	1592-16	TOTAL VOCs	132.85	0.00	6.01
103310	2/5/08 7:57	2/5/08 7:59	2426C	Startup	EU 1792	P-1792	Fugitive	F-75	Ethylene	351.00	0.03	7.37
103310	2/5/08 7:57	2/5/08 7:59	2426C	Startup	EU 1792	P-1792	Fugitive	F-75	TOTAL VOCs	351.00	0.03	7.37
103520	2/9/08 3:00	2/9/08 5:00	46305	Startup	EU 1799	FS-9004	Flare	1799-20	CO	14.90	2.00	128.13
103520	2/9/08 3:00	2/9/08 5:00	46305	Startup	EU 1799	FS-9004	Flare	1799-20	NOx	1.70	2.00	14.96
103520	2/9/08 3:00	2/9/08 5:00	46305	Startup	EU 1799	FS-9004	Flare	1799-20	Butane	1199.00	2.00	179.65
103520	2/9/08 3:00	2/9/08 5:00	46305	Startup	EU 1799	FS-9004	Flare	1799-20	Ethylene	1799.00	2.00	179.65
103520	2/9/08 3:00	2/9/08 5:00	46305	Startup	EU 1799	FS-9004	Flare	1799-20	Hexene	3.00	2.00	179.65
104248	2/27/08 7:29	2/27/08 7:34	37063	Maintenance	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	97.72	0.08	6.06
104248	2/27/08 7:29	2/27/08 7:34	37063	Maintenance	NAOU 1798	P-1798	Z-1101 Flare	1798-22	NOx	13.53	0.08	0.84
104248	2/27/08 7:29	2/27/08 7:34	37063	Maintenance	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	137.50	0.08	8.00
104248	2/27/08 7:29	2/27/08 7:34	37063	Maintenance	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	137.50	0.08	8.00

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	CO	399.90	1.83	127.51
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Nitrogen Oxide	55.40	1.83	17.65
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	TOTAL NOx	55.40	1.83	17.65
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Butane	1.69	1.83	3.42.16
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Butene	184.50	1.83	342.16
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Ethylene	327.22	1.83	342.16
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Propane	0.15	1.83	3.42.16
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Propylene	2.81	1.83	3.42.16
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	VOC	150.35	1.83	342.16
105136	3/18/08 13:50	3/18/08 15:40	37063	EE	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	TOTAL VOCs	666.52	1.83	342.16
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	CO	1838.61	215.00	6.06
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	NOx	254.56	215.00	0.84
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Butane	14.14	215.00	8.00
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Butene	80.79	215.00	8.00
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Ethylene	45.81	215.00	8.00
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Hexene	234.80	215.00	8.00
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Propane	12.30	215.00	8.00
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	Propylene	223.41	215.00	8.00
105393	4/4/08 0:00	4/12/08 23:00	37063	Shutdown	NAOU 1798	Z-1101	Z-1101 Flare	1798-22	TOTAL VOCs	611.25	215.00	8.00
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	CO	1111.60	115.00	35.72
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	NOx	153.90	115.00	4.95
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	1,3-Butadiene	0.02	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	Butane	8.25	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	Ethylene	72.46	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	Hexene	55.08	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	Propene	164.27	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	Propylene	6.71	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	Hexene	15.92	115.00	79.71
105955	4/18/08 7:00	4/23/08 2:00	37063	Shutdown	NAOU 1797	Z-101	Z-101 Flare	110	TOTAL VOCs	322.71	115.00	79.71
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Butene	6.10	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Dodecene	39.50	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Decene	5.00	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Hexatetecene	7.00	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Hexene	1145.40	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Octene	20.60	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	Tetradecene	0.10	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1800	1798-01	TOTAL VOCs	1223.70	126.00	0.72
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1806	1798-03	Hexene	833.40	126.00	0.64
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	TK-1806	1798-03	TOTAL VOCs	833.40	126.00	0.64
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	CO	320.79	126.00	127.51
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	NOx	44.41	126.00	17.65
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Butane	4.92	126.00	3.42.16
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Butene	39.42	126.00	3.42.16
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Ethylene	325.25	126.00	3.42.16
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Hexene	114.52	126.00	3.42.16

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Propane	3.97	126.00	342.16
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Propane	4.73	126.00	342.16
106528	4/30/08 12:00	5/5/08 18:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Propane	4.92.81	126.00	342.16
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	CO	440.00	25.00	35.72
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	NOx	60.00	25.00	4.95
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	Buane	10.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	Buane	50.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	Buylene	165.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	Hexane	45.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	Propane	10.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	Propane	5.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	TOTAL VOCs	285.00	25.00	79.71
106531	4/28/08 21:00	4/29/08 22:00	37063	Startup	NAOU 1797	F-1797	Z-101 Flare	110	CO	393.83	25.00	440.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	NOx	54.53	25.00	60.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Buane	1.84	25.00	10.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Buane	43.03	25.00	50.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Buylene	101.77	25.00	165.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Hexene	259.69	25.00	45.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Propane	1.49	25.00	10.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Propane	2.13	25.00	5.00
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	TOTAL VOCs	409.95	25.00	79.71
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	Benzene	59.00	0.03	12.65
107083	4/29/08 22:00	4/30/08 23:00	37063	EB	NAOU 1797	F-1797	Z-101 Flare	110	VOC	38.00	0.03	12.65
107366	5/7/08 4:00	5/7/08 4:02	1504A	EB	EU 1592	P-1592	Fugitive	1592-31	CO	97.00	0.03	12.65
107366	5/7/08 4:00	5/7/08 4:02	1504A	EB	EU 1592	P-1592	Fugitive	1592-31	CO	151.00	8.00	10.30
107661	5/14/08 12:00	5/14/08 20:00	19027	Shutdown	PEU 1796	P-1796	FS-541 Flare	1796-10A	Nitrogen Oxide	29.70	8.00	1.90
107661	5/14/08 12:00	5/14/08 20:00	19027	Shutdown	PEU 1796	P-1796	FS-541 Flare	1796-10A	TOTAL NOx	29.70	1.90	1.90
107661	5/14/08 12:00	5/14/08 20:00	19027	Shutdown	PEU 1796	P-1796	FS-541 Flare	1796-10A	Ethylene	77.40	8.00	26.79
107661	5/14/08 12:00	5/14/08 20:00	19027	Shutdown	PEU 1796	P-1796	FS-541 Flare	1796-10A	Hexane	97.50	8.00	26.79
107661	5/14/08 12:00	5/14/08 20:00	19027	Shutdown	PEU 1796	P-1796	FS-541 Flare	1796-10A	Hexene	23.20	8.00	26.79
107661	5/14/08 12:00	5/14/08 20:00	19027	Shutdown	PEU 1796	P-1796	FS-541 Flare	1796-10A	Pentane	156.00	8.00	26.79
108052	5/27/08 7:00	5/28/08 7:00	37063	Maintenance	NAOU 1797	SYS-740	SYS-740 Flare	136	CO	15.74	24.00	0.46
108052	5/27/08 7:00	5/28/08 7:00	37063	Maintenance	NAOU 1797	SYS-740	SYS-740 Flare	136	NOx	7.88	24.00	0.23
108052	5/27/08 7:00	5/28/08 7:00	37063	Maintenance	NAOU 1797	SYS-740	SYS-740 Flare	136	Buane	10.20	24.00	6.01
108052	5/27/08 7:00	5/28/08 7:00	37063	Maintenance	NAOU 1797	SYS-740	SYS-740 Flare	136	Ethylene	22.04	24.00	6.01
108052	5/27/08 7:00	5/28/08 7:00	37063	Maintenance	NAOU 1797	SYS-740	SYS-740 Flare	136	TOTAL VOCs	32.24	24.00	6.01
108468	6/1/08 6:05	6/1/08 17:05	2462C	EB	PEU 1792	X-901	Flare	45	CO	830.00	11.00	22.99
108468	6/1/08 6:05	6/1/08 17:05	2462C	EB	PEU 1792	X-901	Flare	45	NOx	87.00	11.00	3.18
108468	6/1/08 6:05	6/1/08 17:05	2462C	EB	PEU 1792	X-901	Flare	45	Ethylene	753.00	11.00	28.55
108468	6/1/08 6:05	6/1/08 17:05	2462C	EB	PEU 1792	X-901	Flare	45	Propane	50.00	11.00	28.55
108468	6/1/08 6:05	6/1/08 17:05	2462C	EB	PEU 1792	X-901	Flare	45	Propane	82.00	11.00	28.55
108469	6/1/08 23:00	6/2/08 1:00	2462C	Startup	PEU 1792	X-901	Flare	45	TOTAL VOCs	885.00	11.00	28.55
108469	6/1/08 23:00	6/2/08 1:00	2462C	Startup	PEU 1792	X-901	Flare	45	CO	87.90	2.00	22.99
108469	6/1/08 23:00	6/2/08 1:00	2462C	Startup	PEU 1792	X-901	Flare	45	NOx	12.20	2.00	3.18

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/EPN		Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
	Time		Time												
109234	6/1/08 21:00		6/2/08 1:00		2462C	Startup	PEU 1792	X-901		Flare	45	Ethylene	48.90	2.00	28.55
109235	6/1/08 21:00		6/2/08 1:00		2462C	Startup	PEU 1792	X-901		Flare	45	Propane	4.20	2.00	28.55
109236	6/1/08 23:00		6/2/08 1:00		2462C	Startup	PEU 1792	X-901		Flare	45	Propylene	68.50	2.00	28.55
108469	6/1/08 23:00		6/2/08 1:00		2462C	Startup	PEU 1792	X-901		Flare	45	TOTAL VOCs	121.60	2.00	28.55
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	CO	8324.00	48.17	2043.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	NOX	1189.00	48.17	283.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	1,3-Butadiene	339.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Acetylene	89.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Benzene	402.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Butane	385.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Butene	227.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Ethylene	8796.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Propane	5949.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Propylene	4259.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Styrene	52.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Toluene	245.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	VOC	996.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Xylene	52.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	TOTAL VOCs	21791.00	48.17	3144.00
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	CO	516.43	48.17	0.32
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	NOx	73.78	48.17	0.04
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Acetylene	6.75	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Butane	4.29	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Butene	0.05	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Ethylene	210.37	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Propane	6.48	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	Propylene	7.58	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	VOC	6.31	48.17	4.02
109236	6/12/08 9:20		6/14/08 9:30		1504A	EB	EU 1592			Flare	1592-16	TOTAL VOCs	241.83	48.17	4.02
109295	6/14/08 9:00		6/15/08 10:00		1504A	Startup	EU 1592	P-1592		CB-701 Flare, CB-710 Flare	1592-16, 1592-40	CO	125.99	25.00	85.18

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
109295	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	NOx	17.44	25.00	11.79
109296	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	1,3-Butadiene	0.83	25.00	85.09
109295	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	Acetylene	7.53	25.00	85.09
109295	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	Butane	1.15	25.00	85.09
109297	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	Butene	0.88	25.00	85.09
109298	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	Ethylene	57.40	25.00	85.09
109295	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	Propane	5.60	25.00	85.09
109297	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	Propylene	12.56	25.00	85.09
109298	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	VOC	0.72	25.00	85.09
109295	6/14/08 9:00	6/15/08 10:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare; CB-710 Flare	1592-16; 1592-40	TOTAL VOCs	86.67	25.00	85.09
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	CO	11113.00	25.00	731.14
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	1599.00	25.00	101.23
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	2000.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	152.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	1441.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	477.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	3719.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	16123.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	1041.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	1042.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	1827.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	4856.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Styrene	192.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	859.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	1457.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	157.00	25.00	1795.72
109537	6/14/08 9:00	6/15/08 10:00	1504A	BE	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	35343.00	25.00	1795.72
111058	7/14/08 6:00	7/15/08 2:00	37063	BE	NAOU 1797	R-1797	Z-101 Flare	110	CO	315.63	20.00	35.72
111058	7/14/08 6:00	7/15/08 2:00	37063	BE	NAOU 1797	R-1797	Z-101 Flare	110	NOx	158.10	20.00	4.95
111058	7/14/08 6:00	7/15/08 2:00	37063	BE	NAOU 1797	R-1797	Z-101 Flare	110	Butane	2.71	20.00	79.70
111058	7/14/08 6:00	7/15/08 2:00	37063	BE	NAOU 1797	R-1797	Z-101 Flare	110	Butene	82.01	20.00	79.70
111058	7/14/08 6:00	7/15/08 2:00	37063	BE	NAOU 1797	R-1797	Z-101 Flare	110	Ethylene	206.25	20.00	79.70
111058	7/14/08 6:00	7/15/08 2:00	37063	BE	NAOU 1797	R-1797	Z-101 Flare	110	Hexene	209.78	20.00	79.70

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time		End Date and Time		Authorization	Type of Event	Unit	Additional Source Info/FIN		Emission Point	EPN	Pollutant	Amount Released (lbs)		Duration (hrs)	Reported Emission Limit (lbs/hr)	
111054	7/14/08 0:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		Z-101 Flare	110	Propane	2.34		20.00	79.70	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		Z-101 Flare	110	Propylene	0.14		20.00	79.70	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	TOTAL VOCs	503.23		20.00	79.70	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	CO	273.92		20.00	0.11	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	NOx	137.21		20.00	0.05	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	Butane	0.55		20.00	6.01	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	Butene	75.01		20.00	6.01	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	Ethylene	399.14		20.00	6.01	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	Hexene	63.62		20.00	6.01	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	TOTAL VOCs	538.32		20.00	6.01	
111058	7/14/08 6:00		7/15/08 2:00		37063	EE	NAOU 1797	F-1797		SYS-740 Flare	136	Hexane	11.00		19.00	4.90	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Hexene	67.00		19.00	4.90	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Pentane	34.00		19.00	4.90	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	TOTAL VOCs	112.00		19.00	4.90	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	CO	258.00		24.00	10.30	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	NOx	51.00		24.00	1.90	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Ethylene	117.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Hexane	50.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Hexene	289.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Methyl Pentane	10.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Pentane	150.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	VOC	22.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	TOTAL VOCs	638.00		24.00	26.79	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	CO	12350.00		24.00	2047.71	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	NOx	1430.00		24.00	283.51	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	1,3-Butadiene	710.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Acetylene	110.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Benzene	1000.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Butane	470.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Butene	280.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Ethylene	10500.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Pentane, N-	570.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Propadiene	60.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Propane	7140.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Propylene	5110.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Toluene	330.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Xylene	220.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	TOTAL VOCs	26560.00		24.00	3144.43	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	CO	620.00		24.00	0.32	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	NOx	90.00		24.00	0.04	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Acetylene	10.00		24.00	4.02	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Butane	10.00		24.00	4.02	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Butene	1.00		24.00	4.02	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Ethylene	255.00		24.00	4.02	
113346	9/10/08 5:00		9/11/08 0:00		19027	Maintenance	PEU 1796	H-549		H-549	1796-06G	Propane	10.00		24.00	4.02	

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Info/FFN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
113835	9/11/08 0:00	9/12/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	15.00	24.00	4.02
113835	9/11/08 0:00	9/12/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	VOC	10.00	24.00	4.02
113835	9/11/08 0:00	9/12/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	311.00	24.00	4.02
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	CO	1340.00	24.00	35.72
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	NOx	190.00	24.00	4.95
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	Butane	10.00	24.00	79.71
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	Butene	90.00	24.00	79.71
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	Ethylene	640.00	24.00	79.71
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	Hexene	200.00	24.00	79.71
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	110	TOTAL VOCs	940.00	24.00	79.71
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	CO	90.00	24.00	0.11
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	NOx	50.00	24.00	0.05
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	Butene	10.00	24.00	6.01
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	Ethylene	150.00	24.00	6.01
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	Hexene	8.00	24.00	6.01
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	Oxene	6.00	24.00	6.01
113836	9/11/08 8:00	9/12/08 8:00	37063	Shutdown	NAOU 1797	F-1797	Z-101 Flare	136	TOTAL VOCs	174.00	24.00	6.01
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	CO	2210.00	24.00	127.51
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	NOx	310.00	24.00	17.65
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butane	29.00	24.00	342.16
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Butene	120.00	24.00	342.16
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Ethylene	1350.00	24.00	342.16
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Hexene	285.00	24.00	342.16
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	Oxene	2.00	24.00	342.16
113839	9/11/08 8:15	9/12/08 8:15	37063	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	VOC	4.00	24.00	342.16
113839	9/11/08 8:15	9/13/08 0:00	2462C	Shutdown	NAOU 1798	P-1798	Z-1101 Flare	1798-22	TOTAL VOCs	1781.00	24.00	342.16
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	45	CO	399.00	34.00	22.99
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	45	NOx	55.00	34.00	0.50
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	45	Ethylene	480.00	34.00	28.55
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	45	Propane	76.00	34.00	28.55
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	45	Propylene	6.00	34.00	28.55
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	45	TOTAL VOCs	562.00	34.00	28.55
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	1,3-Butadiene	286.30	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Acetylene	69.40	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Benzene	4562.50	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Butane	4307.50	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Butene	242.50	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Ethylene	127617.50	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Propane	4625.70	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Propylene	137764.50	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Toluene	3193.75	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	Xylene	1368.75	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	1592-16	TOTAL VOCs	284038.40	64.00	3144.43
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	110	Butane	263.90	81.00	79.71
113890	9/11/08 14:00	9/13/08 0:00	2462C	Shutdown	PEU 1792	P-1792	X-901 Flare	110	Butene	3342.80	81.00	79.71

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FTN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
114138	9/13/08 3:00	9/16/08 12:00	37063	EE	NAOU 1797	F-1797	Z-101 Flare	110	Ethylene	6159.50	81.00	79.71
114138	9/13/08 3:00	9/16/08 12:00	37063	EE	NAOU 1797	F-1797	Z-101 Flare	110	Hexene	8992.40	81.00	79.71
114138	9/13/08 3:00	9/16/08 12:00	37063	EE	NAOU 1797	F-1797	Z-101 Flare	110	Propane	398.50	81.00	79.71
114138	9/13/08 3:00	9/16/08 12:00	37063	EE	NAOU 1797	F-1797	Z-101 Flare	110	Propylene	8.40	81.00	79.71
114138	9/13/08 3:00	9/16/08 12:00	37063	EE	NAOU 1797	F-1797	Z-101 Flare	110	TOTAL VOCs	19165.50	81.00	79.71
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	CO	362.56	1.00	127.51
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	NOx	50.20	1.00	17.65
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Butane	0.53	1.00	342.16
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Butene	7.07	1.00	342.16
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Ethylene	421.90	1.00	342.16
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Hexene	53.50	1.00	342.16
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Propane	0.53	1.00	342.16
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	Propylene	0.28	1.00	342.16
114339	9/22/08 9:00	9/22/08 10:00	37063	Startup	NAOU 1798	F-1798	Z-1101 Flare	1798-22	TOTAL VOCs	483.81	1.00	342.16
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	CO	198.84	19.00	35.72
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	NOx	27.53	19.00	4.95
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Butene	91.93	19.00	79.71
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Ethylene	94.22	19.00	79.71
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	Hexene	43.96	19.00	79.71
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	VOC	8.79	19.00	79.71
114365	9/22/08 15:00	9/23/08 10:00	37063	Startup	NAOU 1797	P-1797	Z-101 Flare	110	TOTAL VOCs	238.90	19.00	79.71
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	CO	6364.57	47.00	2047.71
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	NOx	881.19	47.00	283.51
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Acetylene	842.45	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Benzene	371.14	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Butane	1102.99	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Butene	419.19	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Ethylene	2368.56	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Hexane	171.41	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Hexene	40.67	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Propadiene	51.55	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Pentadiene	869.99	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Pentane, N-	244.89	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Pentene	235.88	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Propane	2148.04	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Propylene	259.80	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Toluene	74.23	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-16	Xylene	921.22	47.00	3144.43
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-40	TOTAL VOCs	221.45	47.00	0.23
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-40	CO	30.66	47.00	0.04
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-40	NOx	24.40	47.00	4.02
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-40	Acetylene	2.45	47.00	4.02
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-40	Butane	60.73	47.00	4.02
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-701 Flare	1592-40	Ethylene	2.12	47.00	4.02

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-710 Flare	1592-40	Propylene	2.79	47.00	4.02
114629	9/26/08 7:00	9/28/08 6:00	1504A	Startup	EU 1592	F-1592	CB-710 Flare	1592-40	VOC	4.51	47.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	97.00	47.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	CO	9997.18	228.00	2047.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	1384.14	228.00	284.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	335.90	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	13.41	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	352.35	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	761.17	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	325.56	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	2721.09	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane, N-	200.78	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propadiene	21.13	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	1061.69	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	6031.42	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Styrene	18.32	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	116.24	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	VOC	350.84	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	77.49	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	12387.29	228.00	3144.00
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	CO	30.06	228.00	0.32
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	NOx	186.99	228.00	0.04
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Acetylene	273.78	228.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Butane	1.18	228.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Ethylene	1341.18	228.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propane	185.69	228.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	Propylene	27.03	228.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	VOC	0.37	228.00	4.02
116959	12/6/08 12:00	12/16/08 0:00	1504A	Shutdown	EU 1592	P-1592	CB-710 Flare	1592-40	TOTAL VOCs	1829.23	228.00	4.02
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	CO	421.13	25.00	10.30
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	NOx	82.65	25.00	1.90
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Butane	9.13	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Butane	0.16	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Ethylene	28.42	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Hexane	38.28	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Hexane	255.95	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Pentane	165.60	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Propylene	5.90	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Propane	0.39	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	TOTAL VOCs	503.83	25.00	26.79
117055	11/29/08 10:00	11/30/08 11:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Normal Alpha Olefins Unit	615.00	0.33	5.67

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional Source Info/FIN	Emission Point	EPN	Pollutant	Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
117364	12/4/08 11:00	12/4/08 11:20	37063	EB	NAOU 1797	P-1797	Normal Alpha Olefins Unit 1797	F-130	TOTAL VOCs	615.00	0.33	5.67
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	CO	837.85	26.03	42.50
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	NOx	116.00	26.03	5.90
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	1,3-Butadiene	0.16	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	Butane	0.43	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	Butene	2.13	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	Ethylene	871.30	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	Propane	182.00	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	Propylene	43.22	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	VOC	52.75	26.03	59.85
117449	12/8/08 4:58	12/9/08 7:00	2462C	EB	PEU 1792	P-1792	X-902 Flare	45	TOTAL VOCs	1151.99	26.03	59.85
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	CO	134.00	27.00	10.30
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	NOx	26.00	27.00	1.90
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Ethylene	24.00	27.00	26.79
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Butane	35.00	27.00	26.79
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Hexane	78.00	27.00	26.79
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Hexene	43.00	27.00	26.79
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Pentane	180.00	27.00	26.79
117664	12/15/08 13:00	12/16/08 16:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	TOTAL VOCs	360.00	27.00	26.79
118033	12/29/08 7:00	12/29/08 19:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	CO	410.00	12.00	10.30
118033	12/29/08 7:00	12/29/08 19:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	NOx	80.00	12.00	1.90
118033	12/29/08 7:00	12/29/08 19:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	Ethylene	460.00	12.00	26.79
118033	12/29/08 7:00	12/29/08 19:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	VOC	560.00	12.00	26.79
118033	12/29/08 7:00	12/29/08 19:00	19027	Maintenance	PEU 1796	P-1796	Flare FS-541	1796-10A	TOTAL VOCs	760.00	12.00	26.79
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	CO	8770.33	56.00	731.14
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	NOx	1214.28	56.00	101.23
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	1,3-Butadiene	1737.74	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Acetylene	11.96	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Benzene	892.41	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Butane	765.12	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Ethylene	1125.29	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Butene	1945.37	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Hexane	197.94	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Flexene	46.97	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Propadiene	26.84	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Pentene	452.91	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Pentane	127.49	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Propane	1153.48	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Propylene	3654.12	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Toluene	620.66	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	Xylene	244.91	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-701 Flare	1592-16	TOTAL VOCs	13003.21	56.00	1795.72
118231	1/1/09 11:00	1/3/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	CO	213.88	56.00	85.18

Table 1 - Violations of Hourly Limits

Tracking Number	Start Date and Time	End Date and Time	Authorization	Type of Event	Unit	Additional			Amount Released (lbs)	Duration (hrs)	Reported Emission Limit (lbs/hr)
						Source Info/FIN	Emission Point	EBN			
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	29.61	56.00	11.79
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	36.72	56.00	85.09
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	0.46	56.00	85.18
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	184.79	56.00	85.09
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	0.49	56.00	85.18
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	1.75	56.00	85.09
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	225.19	56.00	4.02
118231	1/11/09 11:00	1/13/09 19:00	1504A	Startup	EU 1592	P-1592	CB-710 Flare	1592-40	0.98	56.00	85.18
118724	1/8/09 20:00	1/14/09 7:00	2462C	BE	PEU 1792	P-1792	X-901 Flare	45	614.00	131.00	22.99
118724	1/8/09 20:00	1/14/09 7:00	2462C	BE	PEU 1792	P-1792	X-901 Flare	45	85.00	131.00	3.18
118724	1/8/09 20:00	1/14/09 7:00	2462C	BE	PEU 1792	P-1792	X-901 Flare	45	396.00	131.00	28.55
118724	1/8/09 20:00	1/14/09 7:00	2462C	BE	PEU 1792	P-1792	X-901 Flare	45	190.00	131.00	28.55
118724	1/8/09 20:00	1/14/09 7:00	2462C	BE	PEU 1792	P-1792	X-901 Flare	45	290.00	131.00	28.55
118724	1/8/09 20:00	1/14/09 7:00	2462C	BE	PEU 1792	P-1792	X-901 Flare	45	876.00	131.00	3.18
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	571.00	91.00	22.99
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	79.00	91.00	3.18
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	498.00	91.00	28.55
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	154.00	91.00	28.55
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	319.00	91.00	28.55
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	971.00	91.00	28.55
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	X-901 Flare	45	498.00	91.00	3000.00
119168	2/5/09 1:00	2/8/09 20:00	2462C	Startup	PEU 1792	P-1792	NA	NA	498.00	91.00	3000.00
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	342.00	3.00	42.50
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	67.00	3.00	5.90
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	385.00	3.00	59.85
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	12.00	3.00	59.85
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	78.00	3.00	59.85
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	21.00	3.00	59.85
124017	5/9/09 17:30	5/9/09 20:30	2462C	BE	LDPE Unit 1792-100	X-902 Flare	X-902 Flare	45	496.00	3.00	59.85